



PATENT
ATTORNEY DOCKET NO.: 040894-7169

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Kenji KANEKO, et al.)	
U.S. Application No.: 10/521,773)	
International Appln. Filing Date: July 18, 2003)	Group Art Unit: Unassigned
Date of National Stage Entry: January 21, 2005)	
For: METHOD AND APPARATUS FOR)	
ACCURATELY DETECTING ATTITUDE)	Examiner: Unassigned
OF MOVING BODY)	
)	Mail Stop PCT

Commissioner of Patents
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RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS
UNDER 35 U.S.C. § 371 IN THE U.S. DESIGNATED/ELECTED OFFICE (DO/EO/US)

1. This replies to the Notification of Missing Requirements (Form PCT/DO/EO/905) mailed December 8, 2005.

A copy of the Notification of Missing Requirements (Form PTC/DO/EO/905) is enclosed.

2. Declaration Or Oath

- ☒ No declaration or oath was filed. Enclosed is the original Combined Declaration and Power of Attorney.
- ☐ The specification attached to the declaration is a copy of the specification and any amendments thereto which were filed in the PTO to obtain the filing date.
- ☐ The declaration or oath which was filed was determined to be defective. A new original Combined Declaration and Power of Attorney is attached.

3. English Translation of Non-English Language Papers

☐ Submitted herewith is a verified English translation of the non-English language application papers as originally filed. It is requested that this translation be used as the copy for examination purposes in the PTO.

☐ Also enclosed is the Verification of Translation Document

4. Small Entity Statement(s)

☐ Applicant(s) hereby assert small entity status.

5. Assignment

☒ An assignment of the invention to National Institute of Advanced Industrial Science and Technology and a PTO Form-1595, Recordation Form Cover Sheet, are enclosed.

☐ An assignment will be filed at a later date.

6. Fee Calculation

Basic National Stage Fee: \$300.00				Previously Paid
	Number Filed	Number Extra	at a Rate of	
Total Claims	20-20 =	0	\$50.00 each=	+\$0.00
Independent Claims	2- 3 =	0	\$200.00 each=	+\$0.00
Multiple dependent claim(s), if any			\$360.00	+\$360.00
Missing Requirements Surcharge Fee			\$130.00	\$130.00
Application Size Fee \$250.00 for each additional 50 sheets that exceeds 100				\$0.00
Application Search Fee			\$500.00	Previously Paid

Examination Fee	\$200.00	Previously Paid
SUB-TOTAL =		\$490.00
Fee For Application Filed With A Non-English Specification (37 C.F.R. § 1.17(k) and § 1.52(d))	\$130.00	+\$130.00
Fee For Processing and retention of application (37 C.F.R. § 1.21(l) and § 1.53(d))	\$130.00	+\$0.00
TOTAL FILING FEE =		\$620.00

7. Extension of Time

The proceedings herein are for a patent application and the provisions of 37 C.F.R. § 1.136(a) apply.

- ☐ Applicants petition for an extension of time, the fees for which are set out in 37 C.F.R. §§ 1.17(a)-(d), for the total number of months checked below:

	<u>Total Months Requested</u>	<u>Extension Fee</u>	<u>Extension Fee [Small Entity]</u>
<input type="checkbox"/>	One month	\$120.00	\$60.00
<input type="checkbox"/>	Two months	\$450.00	\$225.00
<input type="checkbox"/>	Three months	\$1,020.00	\$510.00
<input type="checkbox"/>	Four months	\$1,590.00	\$795.00
<input type="checkbox"/>	Five months	\$2,160.00	\$1,080.00

Extension of time fee due with this request: \$_____

If an additional extension of time is required, please consider this a Petition therefor.

- ☒ Applicant believes that no extension of time is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition and fee for extension of time.

8. Fee Payment

The total fee due is:

Completion Fees	<u>\$620.00</u>
Assignment Fees	<u>\$40.00</u>
Total Fee Due	<u>\$660.00</u>

- ☒ The Commissioner is hereby authorized to charge the total fee due to Deposit Account

02/13/2006 ATRAN1 00000003 500310 10521773

01 FC:1617 130.00 DA
02 FC:1618 130.00 DA
03 FC:1616 360.00 DA

- ☒ **Except** for issue fees payable under 37 C.F.R. §1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this application including fees due under 37 C.F.R §1.16 and §1.17 which may be required, or credit any overpayment to Deposit Account No. 50-0310.

9. Additional papers enclosed.

- ☐ Form PCT/IPEA/409 (English Translation)
- ☒ Preliminary Amendment
- ☒ Submission of Replacement Drawings with 10 sheets of drawings
- ☐ PCT/IB/338 English translation of the International preliminary Examination Report
- ☐ Information Disclosure Statement
- ☐ Form PTO-1449, documents as listed
- ☐ Declaration of Biological Deposit
- ☐ Submission of "Sequence Listing", computer readable copy and/or amendment pertaining thereto for biotechnology invention containing nucleotide and/or amino acid sequence.

Respectfully submitted,

MORGAN, LEWIS & BOCKIUS LLP



Robert J. Goodell, Reg. No. 41,040

Date: February 8, 2006

Customer No. 09629

MORGAN, LEWIS & BOCKIUS LLP

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Facsimile: (202) 739-3001



UNITED STATES PATENT AND TRADEMARK OFFICE

United States Department of Commerce
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

DJG Desirel

U.S. APPLICATION NUMBER NO. 10/521,773	FIRST NAMED APPLICANT Kenji Kaneko	ATTY. DOCKET NO. 040894-7169
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INTERNATIONAL APPLICATION NO. PCT/JP03/09201

9629
 MORGAN LEWIS & BOCKLIUS LLP
 1111 PENNSYLVANIA AVENUE NW
 WASHINGTON, DC 20004
 Due Date February 8, 2006
 Action Response/ Missing Requirements
 By UB Chk CSM

I.A. FILING DATE 07/18/2003	PRIORITY DATE 07/23/2002
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CONFIRMATION NO. 1701
 371 FORMALITIES LETTER

 OC000000017584673

Date Mailed: 12/08/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 01/21/2005
- English Translation of the IA filed on 01/21/2005
- Copy of the International Search Report filed on 01/21/2005
- Information Disclosure Statements filed on 01/21/2005
- U.S. Basic National Fees filed on 01/21/2005
- Priority Documents filed on 01/21/2005
- Specification filed on 01/21/2005
- Claims filed on 01/21/2005
- Abstracts filed on 01/21/2005
- Drawings filed on 01/21/2005

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 MORGAN, LEWIS & BOCKLIUS LLP

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Translation of the application into English. The current translation of the application into English is defective as described below. Note a processing fee will be required if submitted later than 30 months from the priority date.
 - The text in the drawings has not been properly translated.
 - foreign text in drawings should be crossed out and/or deleted.
- Processing fee for providing the translation of the application and/or the Annexes later than 30 months from the priority date (37 CFR 1.492(i)).

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$260** for a Large Entity:

- **\$130** Surcharge.
- **\$130** for English translation surcharge required.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

BARBARA A CAMPBELL

Telephone: (703) 308-9140 EXT 217

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/521,773	PCT/JP03/09201	040894-7169

Rec'd PCT/PTO 08 FEB 2006

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PATENT

ATTORNEY DOCKET NO.: 040894-7169

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Kenji KANEKO, et al.

Application No.: 10/521,773

Filed: January 21, 2005

For: METHOD AND APPARATUS FOR
ACCURATELY DETECTING
ATTITUDE OF MOVING BODY

Confirmation No. 1701

Group Art Unit: Unassigned

Examiner: Unassigned

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Commissioner for Patents
U.S. Patent and Trademark Office
Mail Stop PCT
Alexandria, VA 22314-1450

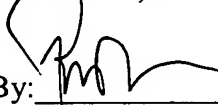
SUBMISSION OF REPLACEMENT DRAWINGS

To correct the informalities in the drawings, applicants submit herewith 10 replacement sheets of drawings containing Figures 1-15 to conform the drawings with the requirements as noted on the Notification of Missing Requirements. In addition, the Figure labels for Figures 4 and 5 are corrected to switch these Figures, thereby conforming to the Specification. Furthermore, reference label "51" was added to Figure 14. The three month period of response expires on February 8, 2006 and this submission is on or before the expiration date.

If there are any fees due in connection with the filing of these drawings, the Commissioner is hereby authorized to charge any additional fees due to Deposit Account No. 50-0310.

Respectfully submitted,

MORGAN, LEWIS & BOCKIUS LLP

By: 

Dated: February 8, 2006

Customer No. 009629

Robert J. Goodell
Reg. No. 41,040

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